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O I P E

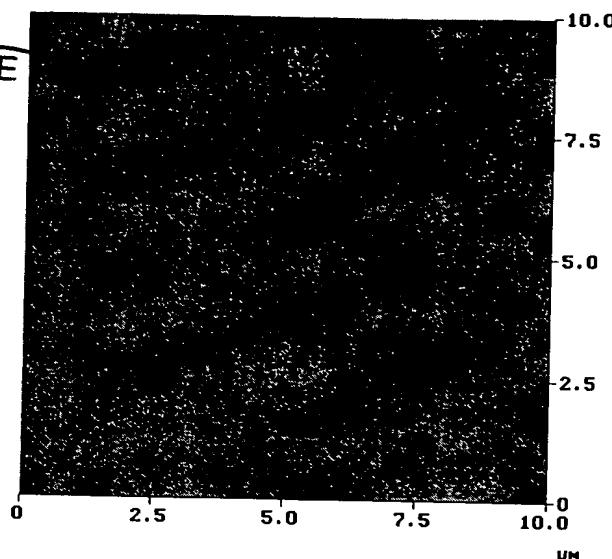


FIG. 1A

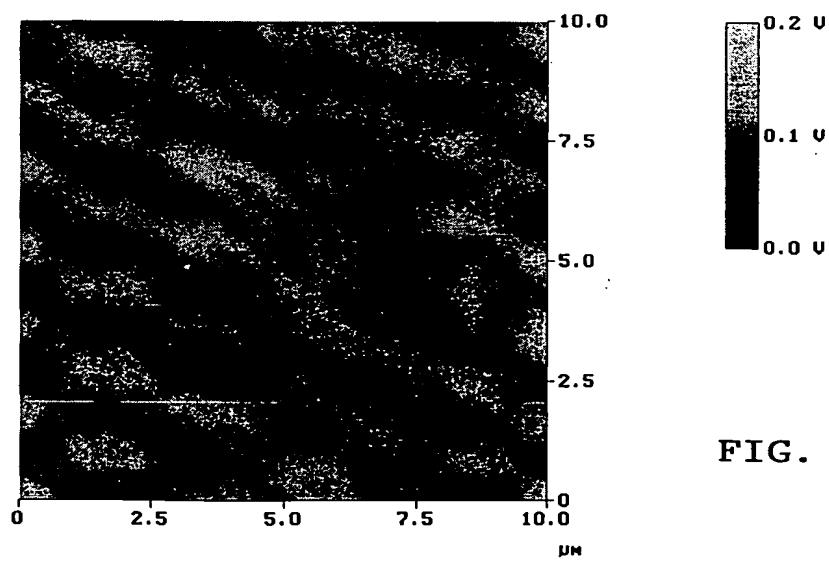
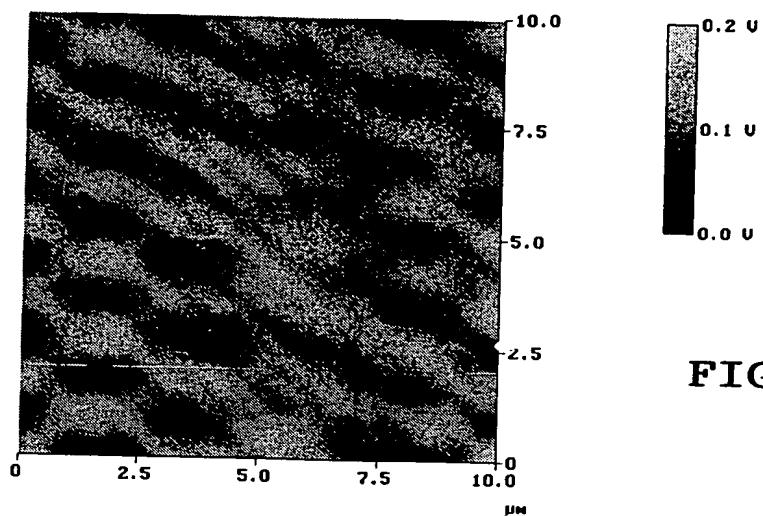
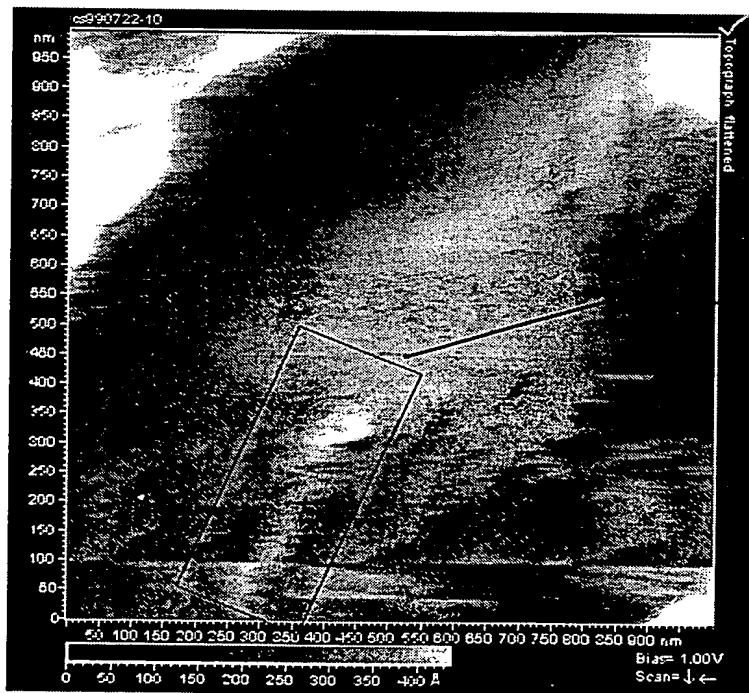


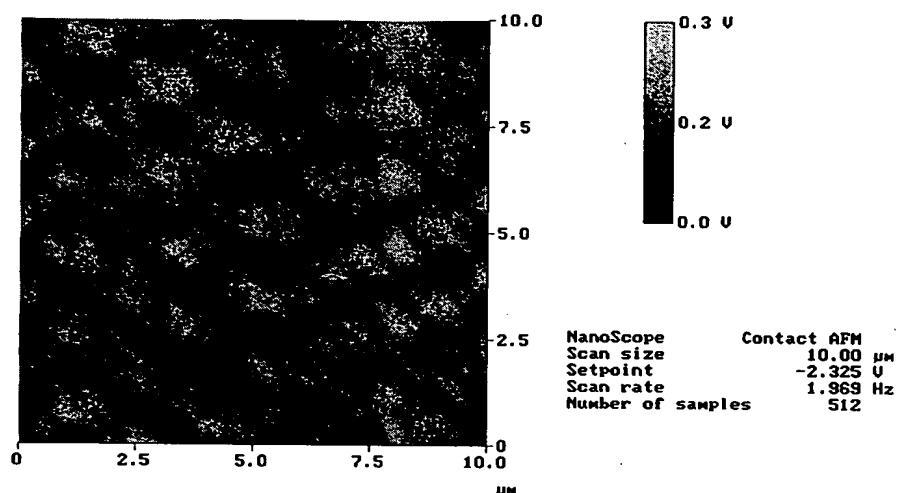
FIG. 1B



**FIG. 2A**



**FIG. 2B**



PI990722.037

MFM: Sample 231 Void Scan

FIG. 5A

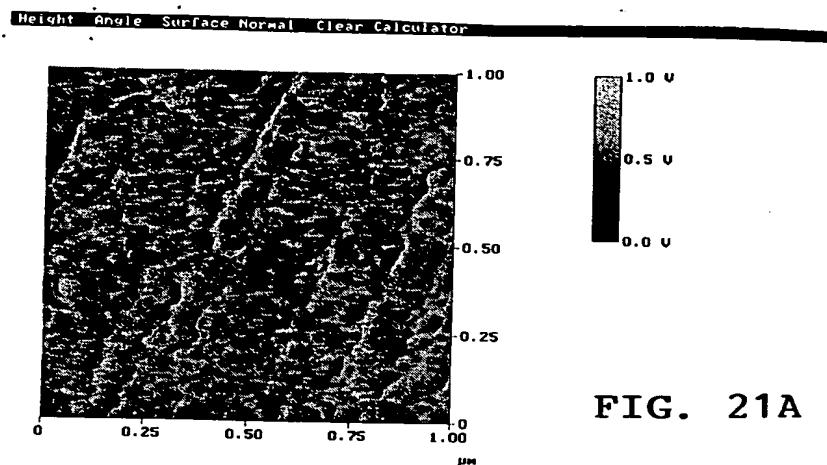


FIG. 21A

PI990722.015

Height

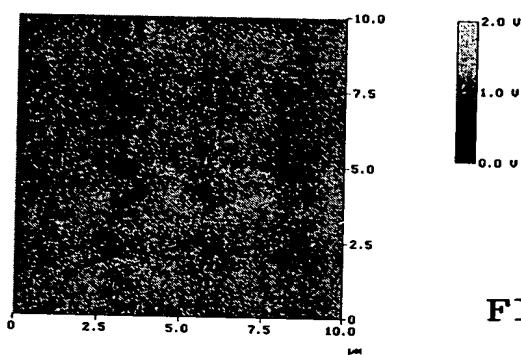


FIG. 21B

PI990722.011

Height

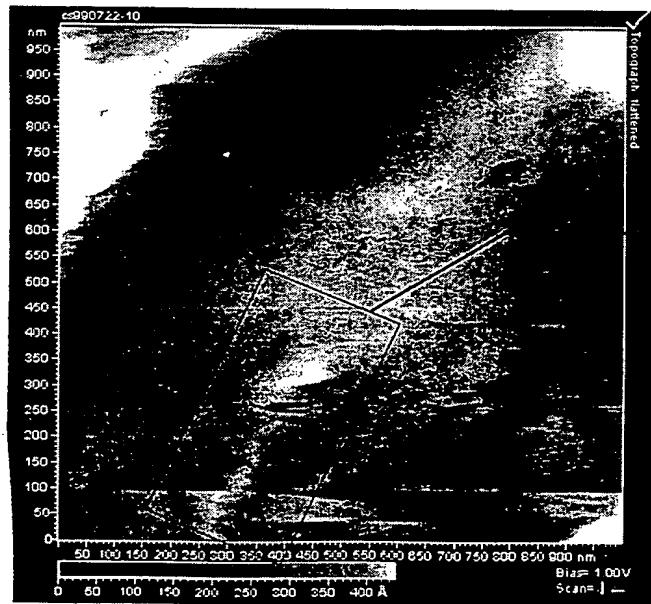
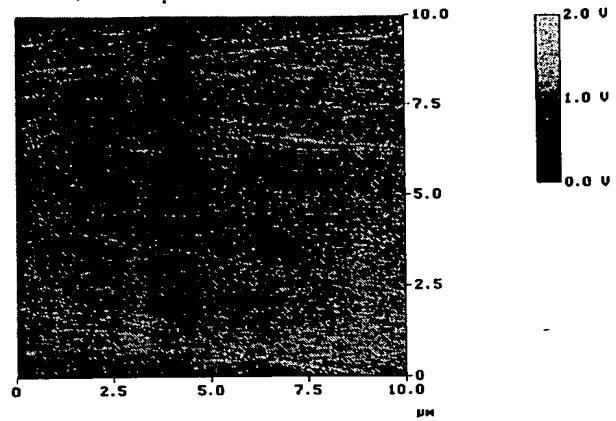
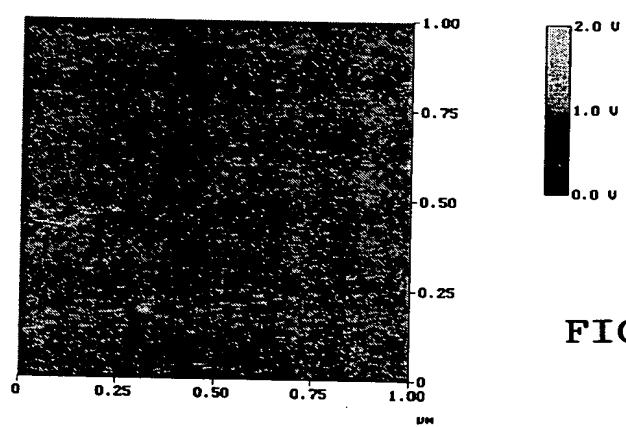


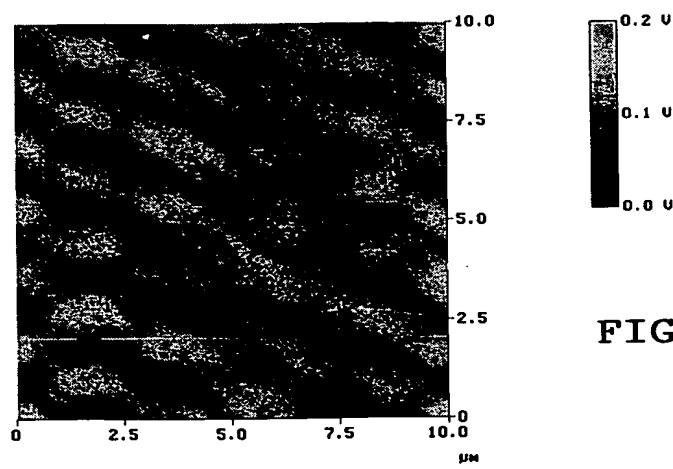
FIG. 21C



**FIG. 22A**

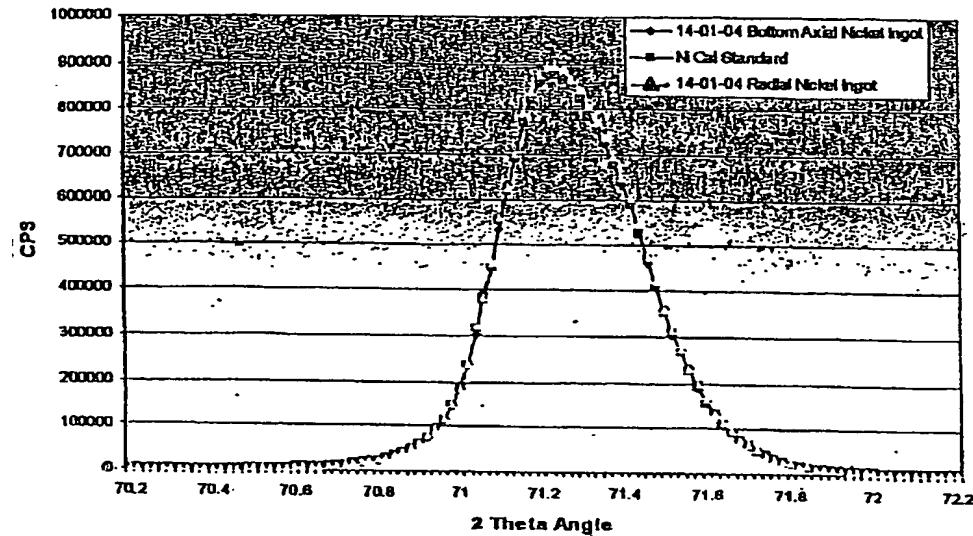


**FIG. 22B**



**FIG. 22C**

# Nickel Scans: Nickel Analysis



**K<sub>α</sub> Nickel Scans**  
Run 14-01-04

FIG. 27A

**L<sub>α</sub> Nickel Scans**  
Run 14-01-04

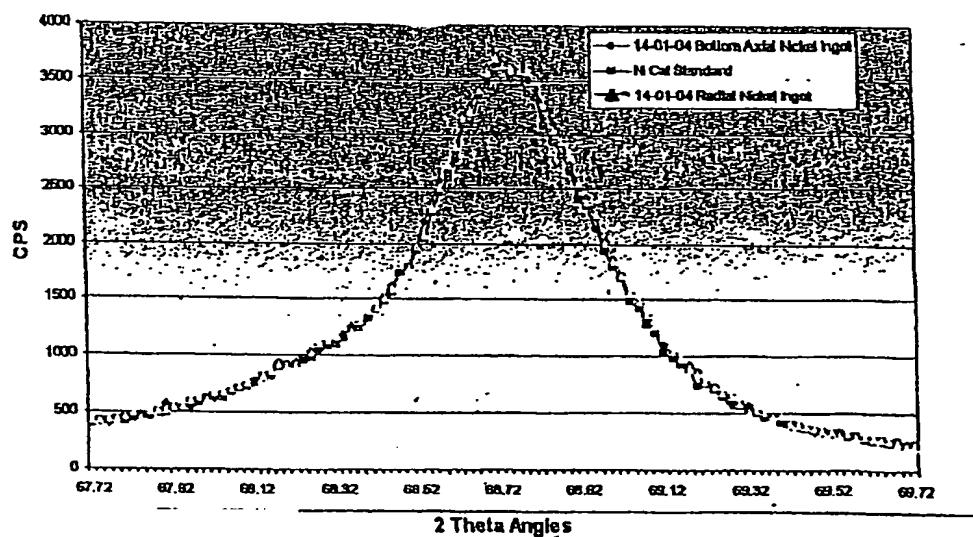
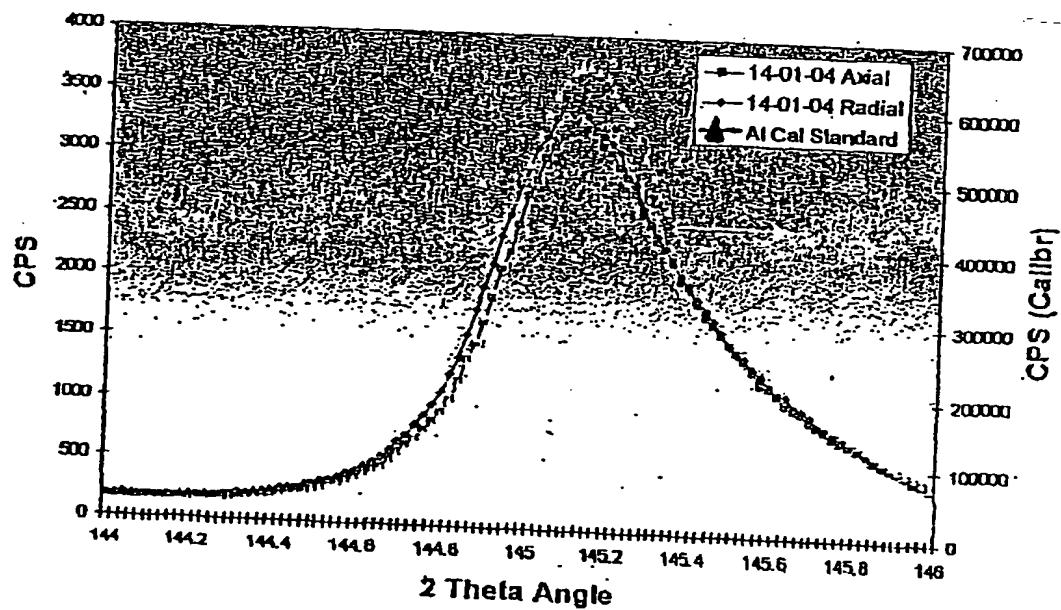


FIG. 27B

# Nickel Scans: Al and Zr



$K_{\alpha}$  Aluminum Scans of Nickel  
Run 14-01-04

FIG. 28A

# Nickel Scans: Cl

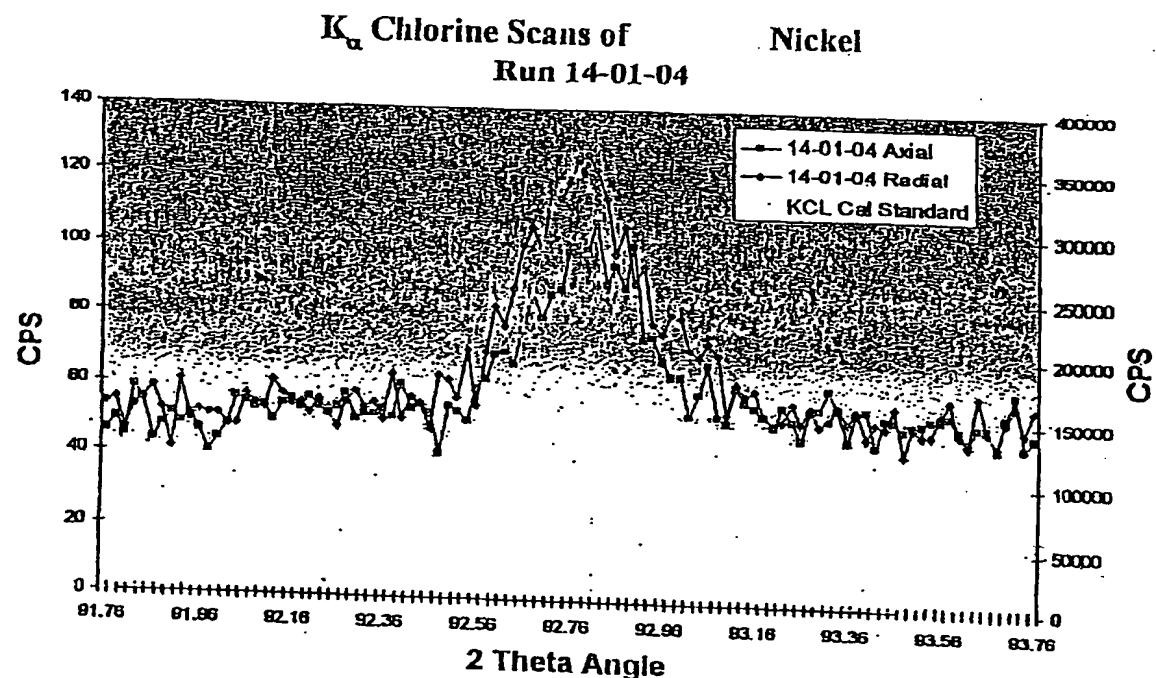
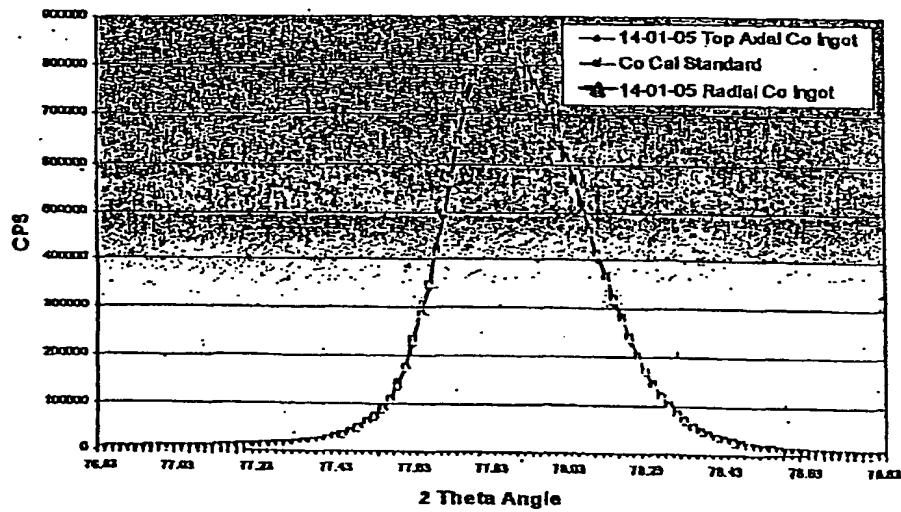


FIG. 30

# Cobalt Scans: Cobalt Analysis



**$K_{\alpha}$  Cobalt Scans**  
Run 14-01-05

FIG. 31A

**$L_{\alpha}$  Cobalt Scans**  
Run 14-01-05

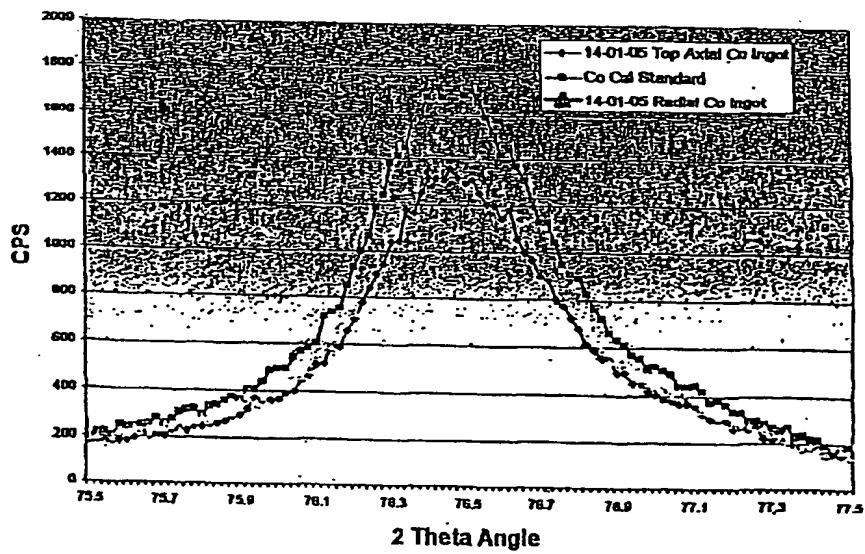


FIG. 31B

# Cobalt Scans: Al and Fe

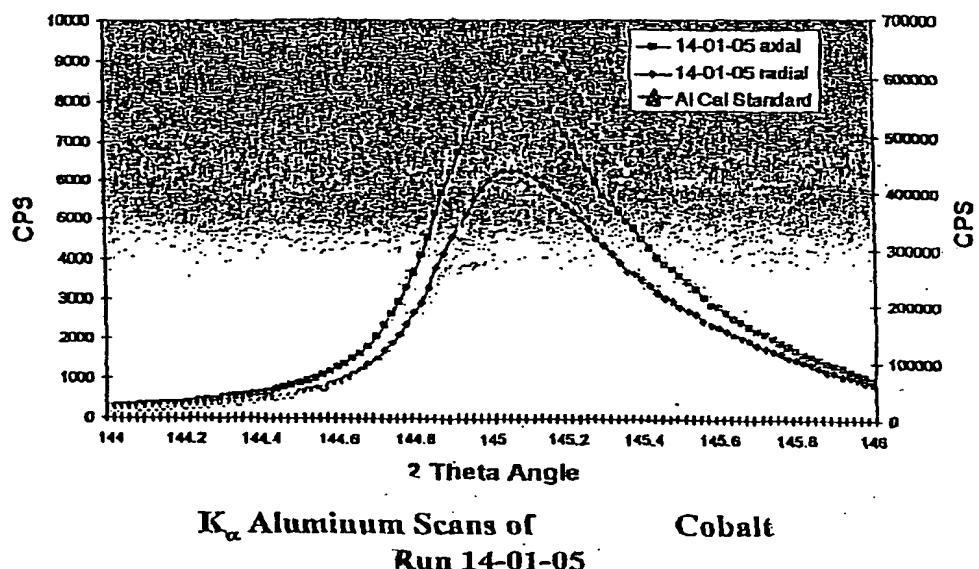


FIG. 32A

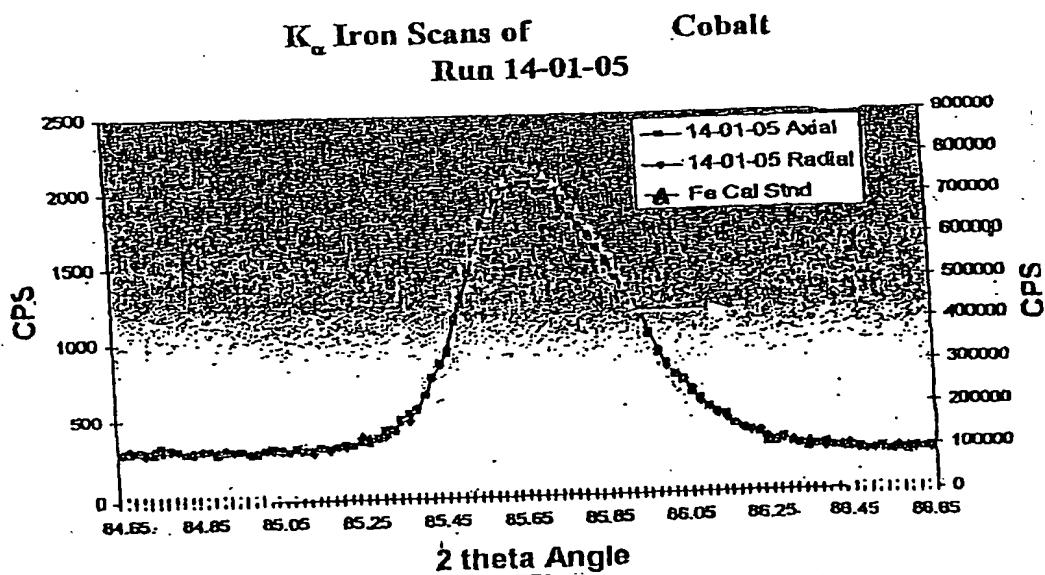
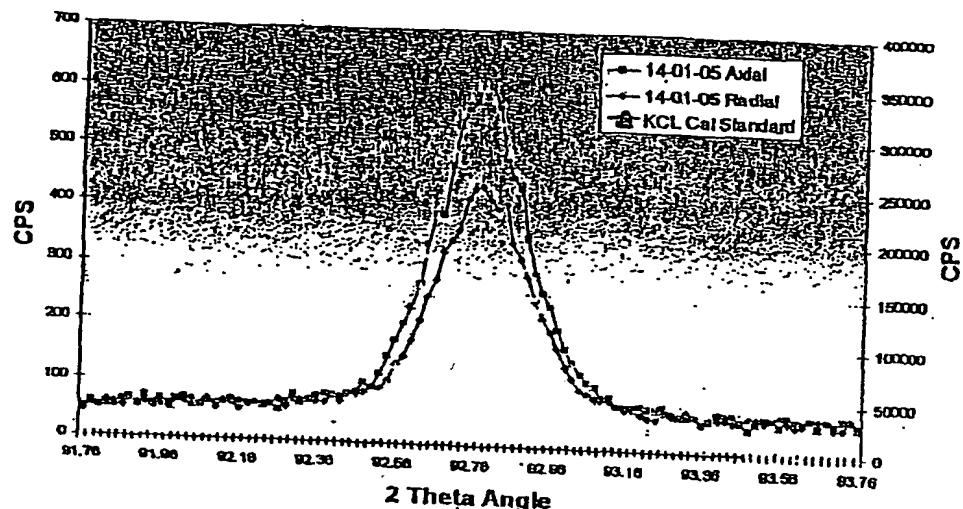


FIG. 32B

# Cobalt Scans: Cl and Zr



$K_{\alpha}$  Chlorine Scans of Cobalt  
Run 14-01-05

FIG. 33A

$K_{\alpha}$  Zirconium Scans of Cobalt  
Run 14-01-05

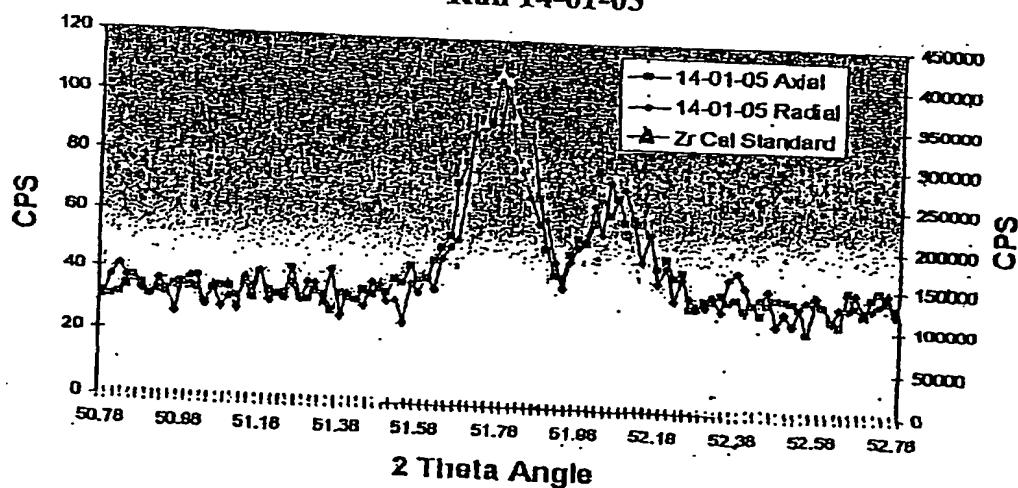


FIG. 33B

# Cobalt Scans: Mn

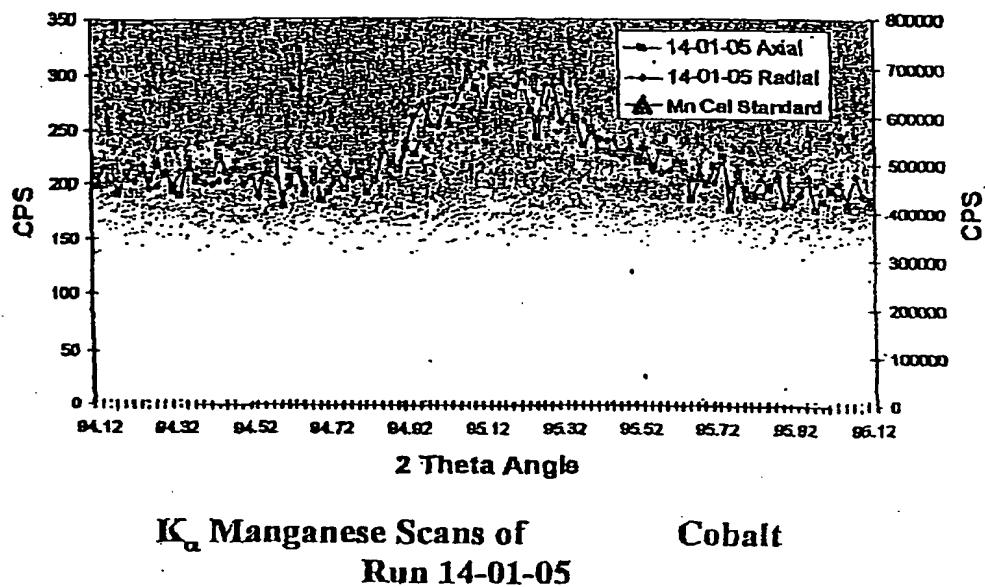
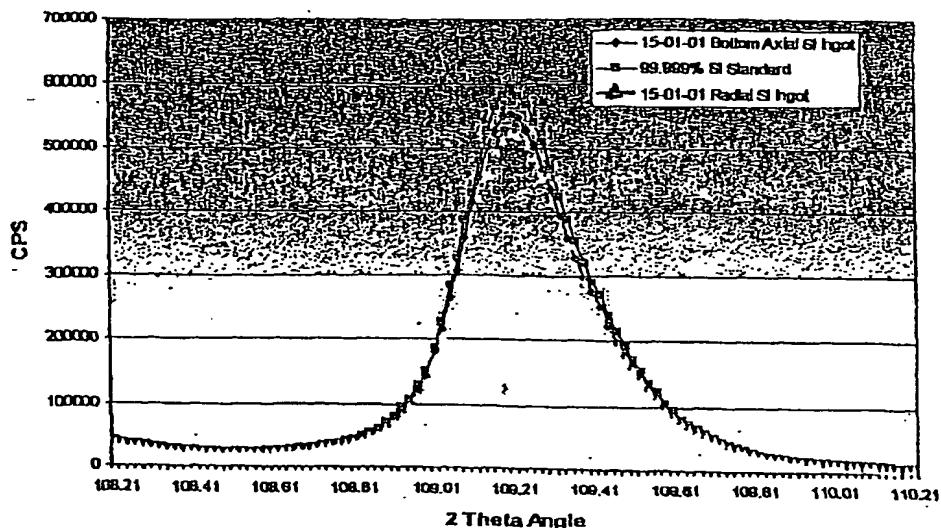


FIG. 34

# Silicon Scans: Silicon Analysis



$K_{\alpha}$  Silicon Scans  
Run 15-01-01

FIG. 45A

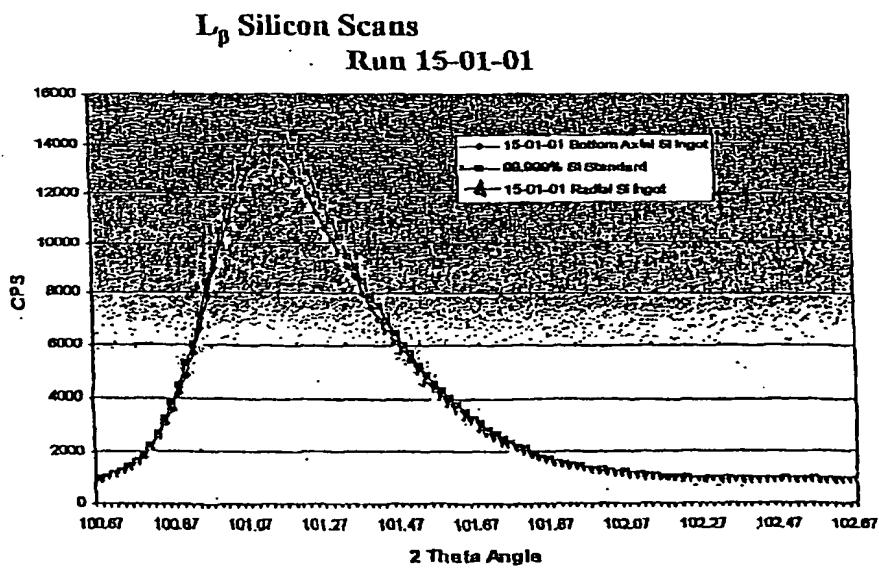


FIG. 45B

# Silicon Scans: Al and Ti

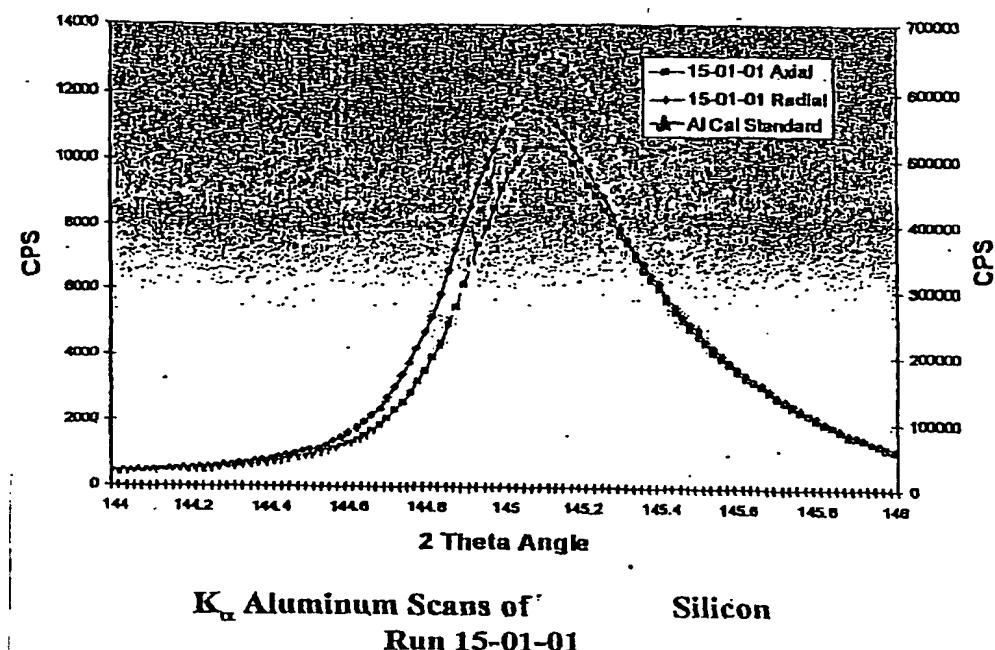


FIG. 46A

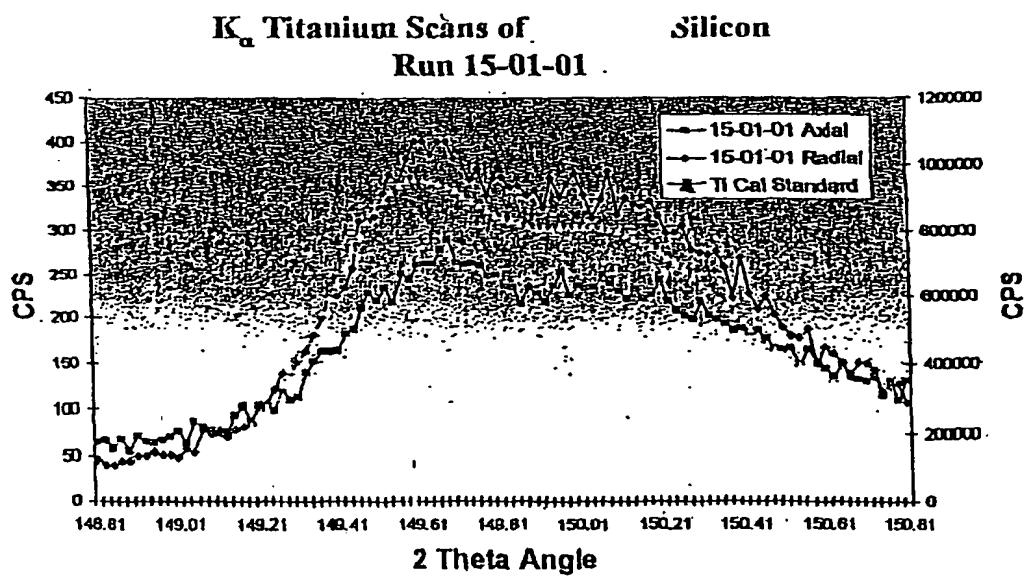


FIG. 46B

# Silicon Scans: S and Cl

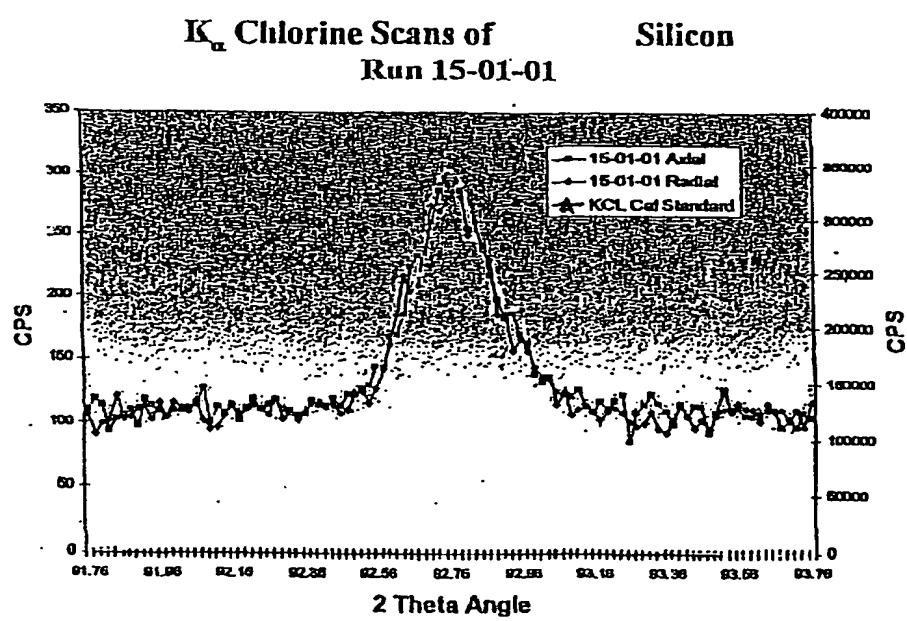
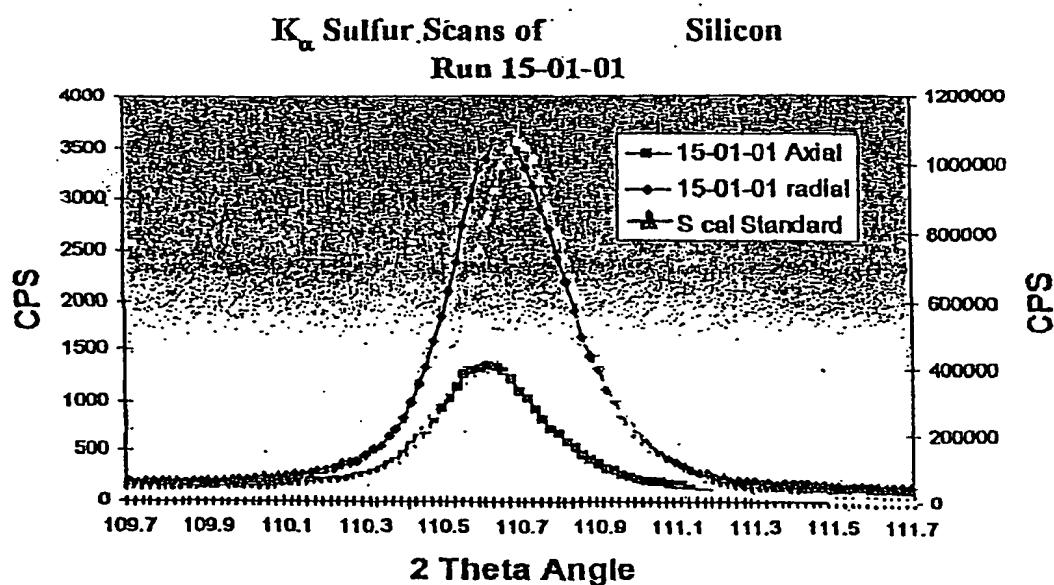


FIG. 47B



# Silicon Scans: Ga and K

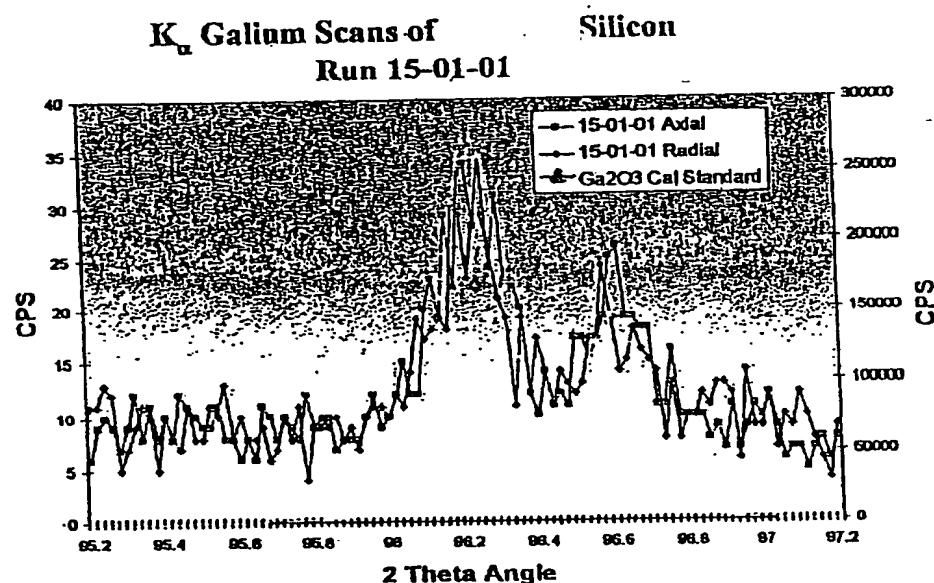


FIG. 48A

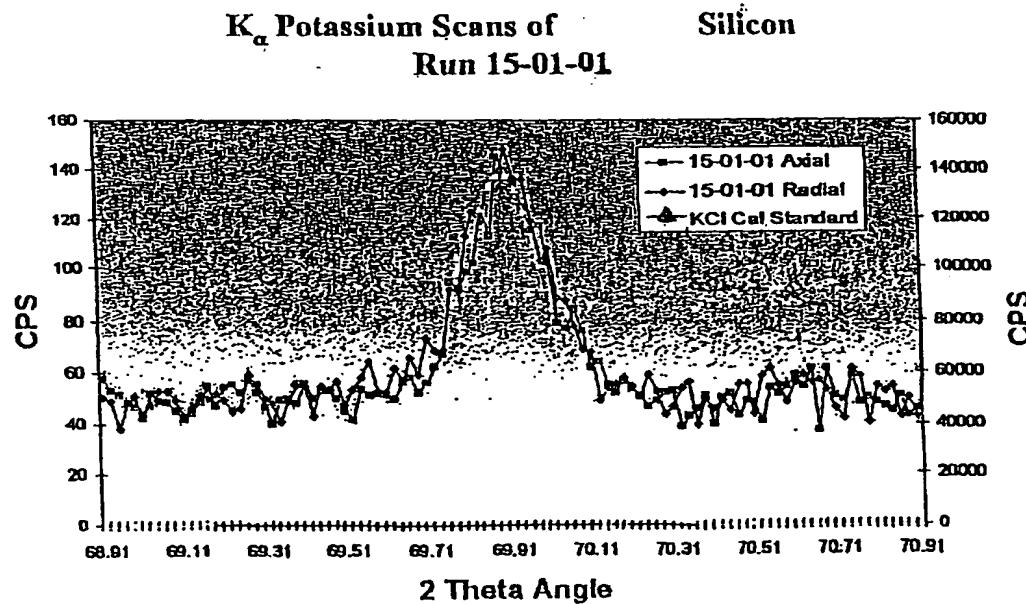


FIG. 48B

# Iron Scans: Iron Analysis

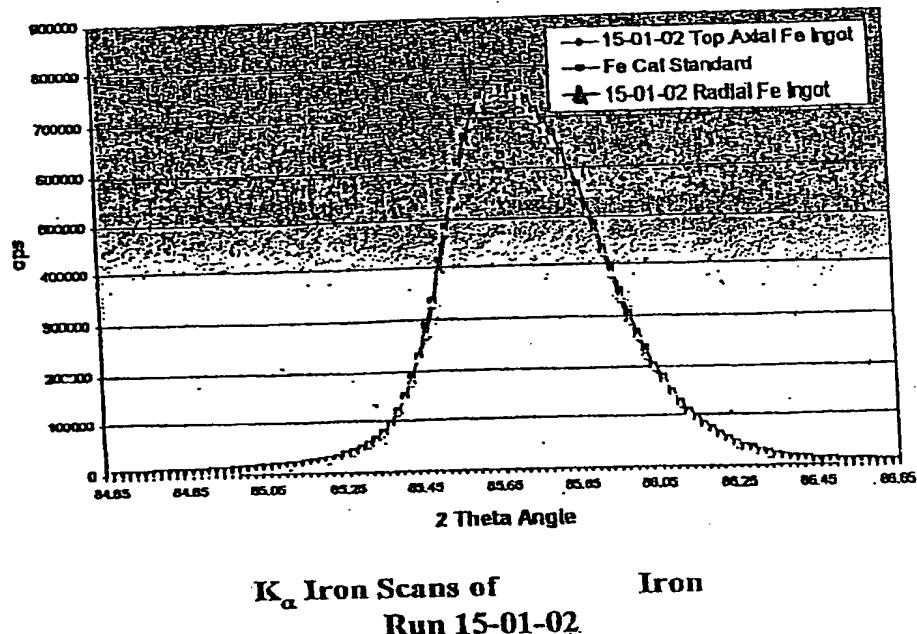


FIG. 49A

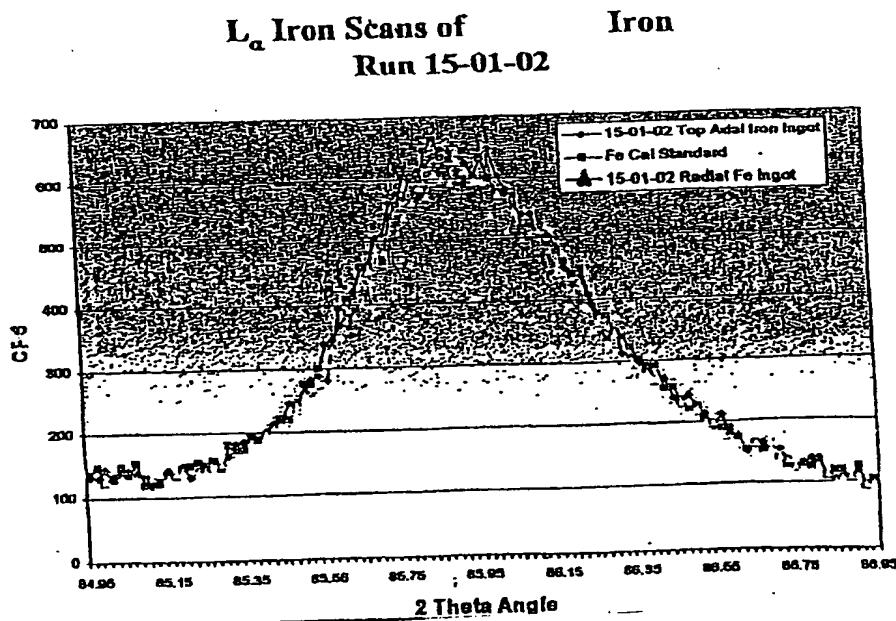
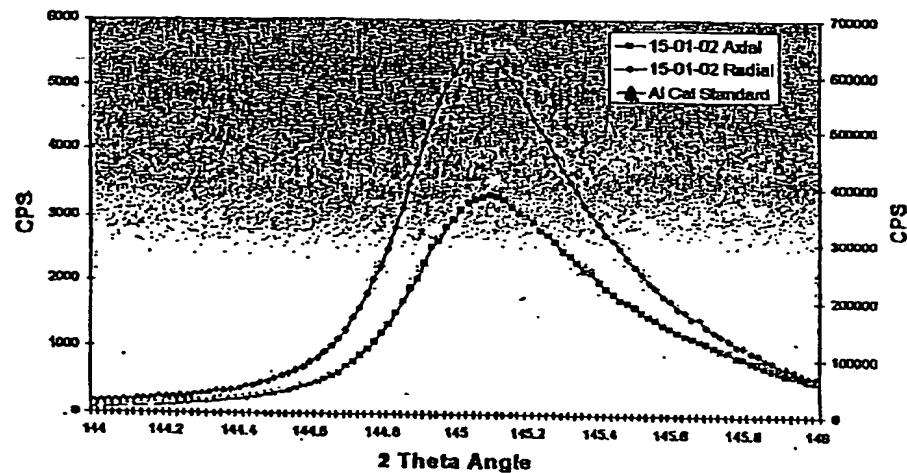


FIG. 49B

# Iron Scans: Al and Zr



$K_{\alpha}$  Aluminum Scans of Iron  
Run 15-01-02

FIG. 50A

$K_{\alpha}$  Zr Scans of Iron  
Run 15-01-02

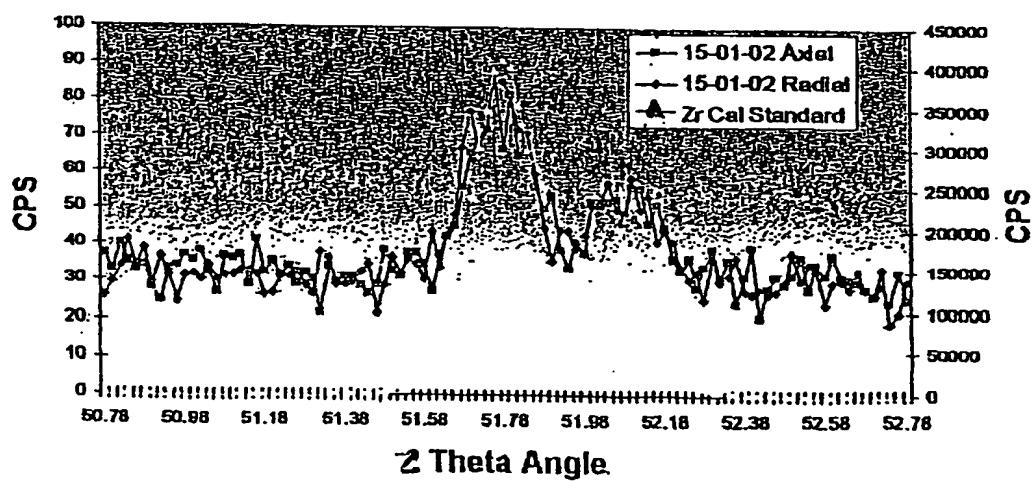


FIG. 50B

# Iron Scans: S and Cl

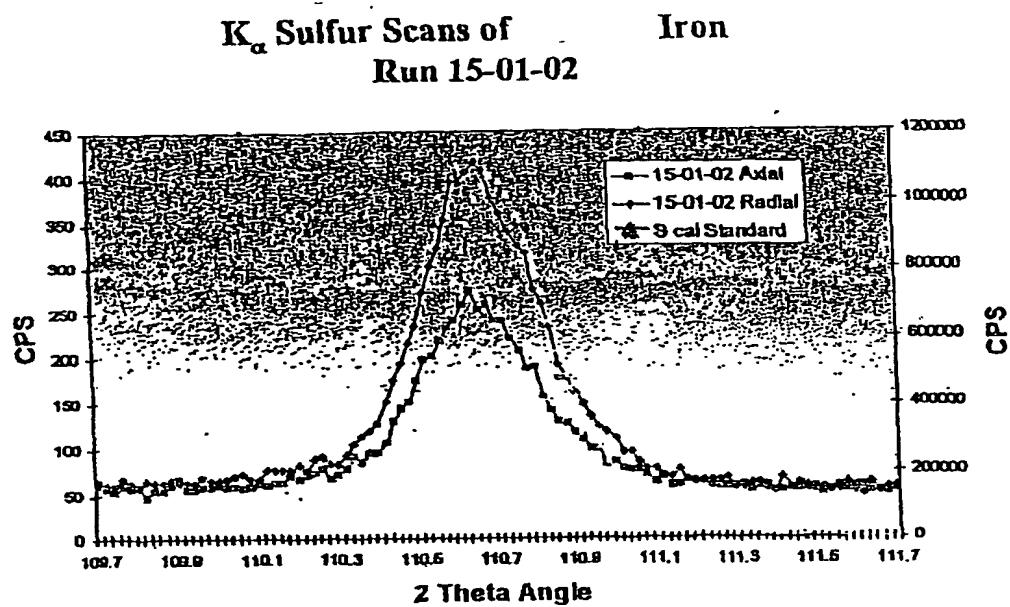


FIG. 51A

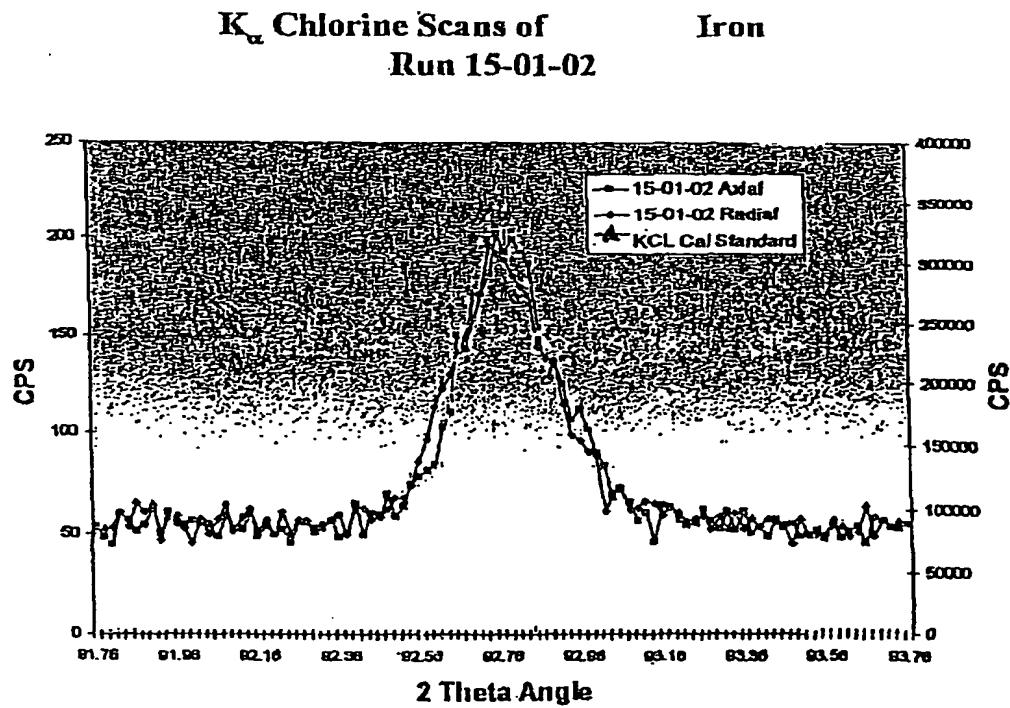


FIG. 51B